



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

**APR 7 2000**

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 11281  
(FIFTH REVISION)

EXPIRATION DATE: March 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. GRANTEE: DuPont SHE Excellence Center  
Wilmington, DE

(See Appendix A of this exemption for a list of additional grantees)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of uninsulated DOT specification cargo tanks and portable tanks containing certain Class 8 and Division 6.1 materials, which are toxic by inhalation. This exemption provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101 Column 7, Special Provisions B14 and T38.
5. BASIS. This exemption is based on DuPont SHE Excellence Center's application dated March 30, 2000, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification number	Packing Group
Chlorosulfonic acid	8	UN1754	I, Hazard Zone B
Dimethyl sulfate	6.1	UN1595	I, Hazard Zone B

APR 7 2000

continuation of DOT-E 11281 (5th rev.)

Page 2

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are Specification MC 312, MC 330, MC 331, and DOT 412 cargo tanks and Specification DOT 51 and IM 101 portable tanks which do not meet the insulation requirements of § 172.101, Column 7 Special Provisions B14 and T38. Prescribed tanks are constructed of Type 316L stainless steel.

Thickness for tank shell and heads must be the greater of 0.350 inch or the thickness required for a tank with a design pressure at least equal to 1.5 times the vapor of the lading at 115°F.

b. TESTING - Packagings must be tested, retested, and inspected in accordance with the requirements for the appropriate DOT specification cargo tank or portable tank.

c. MARKING - Each cargo tank must be plainly marked on the curb side near the front and each portable tank must be marked on both sides near the center in letters and numbers at least 2 inches high on a contrasting background, "DOT-E 11281".

d. Drivers must be trained and instructed to, when possible, move their vehicle away from the site of an accident involving a loss of fuel or fire, provided no lives will be endangered by moving their vehicle.

8. SPECIAL PROVISIONS.

a. Persons who receive the packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

9. MODES OF TRANSPORTATION AUTHORIZED. Portable tanks by motor vehicle, rail and cargo vessel. Cargo tanks by motor vehicle only.

10. MODAL REQUIREMENTS:

- a. A copy of this exemption must be carried aboard each motor vehicle or cargo vessel used to transport packages covered by this exemption.
- b. Each carrier involved with the transportation of the materials authorized under the terms of this exemption must have a "Satisfactory" safety rating, as prescribed in Part 385 of 49 CFR.

11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation laws 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "hazmat employee" as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS. The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



*For* Robert A. McGuire  
Acting Associate Administrator  
for Hazardous Materials Safety

**APR 7 2000**  
(DATE)

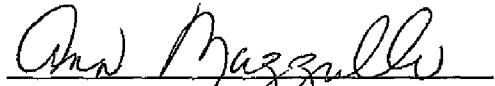
Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM(00)

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Environmental Products & Services, Inc. Syracuse, NY	3/14/2000	4/3/2000	3/31/2002
Clariant GmbH Deutschland GR (U.S. Agent: CT Corporation Systems New York, NY)	4/11/2001	MAY 8 2001	3/31/2002

*for*   
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety